

Remarks

The Examiner is thanked for his time during the two telephonic interviews, one each on July 28 and 29, 2004.

Reconsideration of this Application is respectfully requested.

Claims 1-50 and 63-67 have now been cancelled from this application and claims 68-69 have been added to this application. Applicant reserves the right to prosecute the canceled or broader claims in a continuation application. Thus, claims 51-62 and 68-69 are now pending, with claim 68 being the sole independent claim. No new matter has been added.

Based on the above amendment and following remarks, Applicant respectfully requests that the Examiner reconsider all outstanding objections and rejections and that they be withdrawn.

Rejections under 35 U.S.C. § 112, second paragraph

Claims 63-67 were rejected under 35 U.S.C. § 112, second paragraph. Although Applicant disagrees with this rejection, these claims were cancelled in order to expedite prosecution. Applicant believes that the canceling of claims 63-67 without prejudice or disclaimer renders these rejections moot. Therefore, Applicant respectfully requests that the Examiner withdraw this rejection.

Rejections under 35 U.S.C. § 102(b) and 103(a)

Claims 50-55 and 58-67 were rejected under 35 U.S.C. § 102(b) as being anticipated by U.S. Patent No. 5,508,660 to Gersbach et. al. ("Gersbach"). Claims 56 and 57 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Gersbach. Applicant respectively traverses these rejections.

Applicant continues to disagree with the Examiner's rejection. However, Applicant has cancelled claim 50 and 63-67 in order to expedite prosecution. Applicant believes that the canceling of claims 50 and 63-67 without prejudice or disclaimer renders these rejections moot. Thus, Applicant respectfully requests that the Examiner reconsider and withdraw these rejections.

New Claim 68

Applicant submits that new claim 68 is allowable over the applied reference.

Claim 68 recites:

A charge pump, comprising:
a first current source;
a second current source;
a first current path, including,
a first device connected at a first end to the
first current source and at a second end to a first output
node, and
a second device connected at a first end to
the output node and at a second end to the second current
source,
a second current path, comprising,
a third device connected at a first end to the
first current source and at a second end to a second output
node, and
a fourth device connected at a first end to
the second output node and at a second to the second
current source; and
a system that controls a value of the second current
source to correct for a voltage difference between the first
and second output nodes.

The applied patent does not teach of the claimed invention described in claim 68.

For example, the applied patent fails to teach of a first output node in a first current path connecting a second end of a first device and a first end of a second device in the first current path and a second output node in a second current path connecting a second end of a third device and first end of a fourth device in the second current path, as recited in claim 68.

Accordingly, the Applicant respectfully requests that the Examiner find claim 68 allowable over the applied patent. Also, based at least on their dependency from claim 68, claims 51-62 and 69 should also be found allowable over the applied patent.

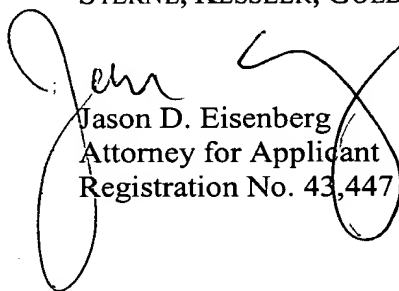
Conclusion

All of the stated grounds of rejection have been properly traversed, accommodated, or rendered moot. Applicant therefore respectfully requests that the Examiner reconsider all presently outstanding rejections and that they be withdrawn. Applicant believes that a full and complete reply has been made to the outstanding Office Action and, as such, the present application is in condition for allowance. If the Examiner believes, for any reason, that personal communication will expedite prosecution of this application, the Examiner is invited to telephone the undersigned at the number provided.

Prompt and favorable consideration of this Amendment and Reply is respectfully requested.

Respectfully submitted,

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